



(WO/1999/039411) A WAVELENGTH-SELECTABLE LASER SYSTEM USING CAVITY RESONANCE FREQUENCY, ESPECIALLY USEFUL FOR FIBER OPTIC COMMUNICATION AND WAVELENGTH DIVISION MULTIPLEXING

Biblio. Data

Description

Claims

National Phase

Notices

Documents

Latest bibliographic data on file with the International Bureau

Pub. No.: WO/1999/039411

Publication Date: 05.08.1999

Chapter 2 Demand Filed: 30.08.1999

International Application No.: PCT/IL1999/000051

International Filing Date: 27.01.1999

IPC: H01S 3/067 (2006.01), H01S 5/065 (2006.01), H01S 5/14 (2006.01), H01S 3/08 (2006.01), H01S 3/094 (2006.01), H01S 3/0941 (2006.01), H01S 5/12 (2006.01)

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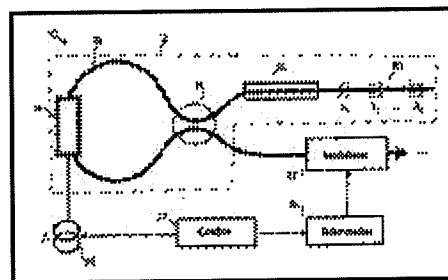
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Priority Data: 60/073,124 30.01.1998 US

Title: A WAVELENGTH-SELECTABLE LASER SYSTEM USING CAVITY RESONANCE FREQUENCY, ESPECIALLY USEFUL FOR FIBER OPTIC COMMUNICATION AND WAVELENGTH DIVISION MULTIPLEXING

Abstract: A wavelength-selectable laser system (10) is achieved by addressing the suitable mode-locked frequency of a multi-length laser cavity formed by multiple wavelength-selective mirrors (20) such as fiber gratings. This is useful for fiber optic communication and WDM (wavelength division multiplexing) networks where there is incorporated an information encoder/modulator (22) of the light in the sending side and a detector in the receiving side, which are matched to the laser system.



Designated States:

AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW.

African Regional Intellectual Property Org. (ARIPO) (GH, GM, KE, LS, MW, SD, SZ, UG, ZW)

Eurasian Patent Organization (EAPO) (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM)

European Patent Office (EPO) (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE)

African Intellectual Property Organization (OAPI) (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Publication Language: English (EN)

Filing Language: English (EN)